

WHAT IS CLAIMED IS:

1. An electronic commerce server enabling an orderer to given an order of purchasing a commercial article at a virtual shop existing on a network by accessing the virtual shop from
5 a communication terminal used by the orderer, and to receive the purchase target article at an agency service trader's place other than the home, said server comprising:

a receiving unit receiving from the virtual shop a piece of order information of the purchase target article and a piece
10 of information for specifying a desired agency service trader's place for receiving the purchase target article, of which respective notifications are given via said communication terminal used by the orderer;

an issuing unit issuing a piece of identification
15 information unique to both of every orderer and every purchase target article on the basis of the order information; and

a confirmation unit confirming the identification information received by said communication terminal used by the orderer through the agency service trader's place.

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2. An electronic commerce server according to claim 1, wherein said issuing unit includes a generation unit generating the identification information unique to every orderer and to every purchase target article from a one-way function on the
25 basis of the order information received from said virtual shop.

3. An electronic commerce server according to claim 2,

wherein said generation unit sets the identification information so as to contain numerals of specified digits of a telephone number corresponding to said communication terminal used by the orderer that is contained in the order information.

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4. An electronic commerce server according to claim 1, wherein said conformation unit confirms the identification information received by said communication terminal used by the orderer through a POS terminal of said agency service trader's place.

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5. An electronic commerce server according to claim 4, wherein said confirmation unit confirms the identification information received by said communication terminal used by the orderer through a memory card.

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6. An electronic commerce server according to claim 1, further comprising a unit providing said virtual shop with a list of agency service traders' stores capable of receiving the purchase target article in order to receive from said virtual shop a piece of information for specifying a desired agency service trader's place for receiving the purchase target article of which said communication terminal used by the orderer notifies.

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7. An electronic commerce server according to claim 1, further comprising a unit notifying said virtual shop of a request

for delivering the purchase target article and receiving a home delivery slip number as a response of the delivery of the purchase target article from said virtual shop.

5 8. An electronic commerce server according to claim 7,
further comprising a unit repeatedly notifying of the delivery
request a predetermined number of times if the delivery response
of the purchase target article is not sent from said virtual
shop, registering said virtual shop in a blacklist if there is
10 no delivery response, and notifying said communication terminal
used by the orderer of this purport.

 9. An electronic commerce server according to claim 7,
wherein said issuing unit issues the identification information
15 unique to every orderer and to every purchase target article
on the basis of the order information, this issuance being
triggered by receiving the deliver response of the purchase
target article.

20 10. An electronic commerce server according to claim 7,
further comprising a unit notifying said communication terminal
specified by the orderer of the identification information and
a receivable date and time for receiving the purchase target
article, and notifying the desired agency service trader's place
25 for receiving the purchase target article, of a name of the orderer,
a name of the purchase target article and the home delivery slip
number which are contained in the order information.

11. An electronic commerce server according to claim 1,
further comprising a unit erasing the identification information
and the order information stored in a database, this erase being
5 triggered by reaching an expiration period prescribed by law.

12. An electronic commerce server according to claim 1,
further comprising a unit receiving a piece of completion
information when a receipt of the purchase target article is
10 completed from the orderer at the desired agency service trader's
place for receiving the purchase target article, notifying said
virtual shop of this piece of completion information, and
notifying a settlement institution of information on payments
of an article price and a necessary fee.

13. An electronic commerce providing method enabling an
orderer to given an order of purchasing a commercial article
at a virtual shop existing on a network by accessing the virtual
shop from a communication terminal used by the orderer, and to
20 receive the purchase target article at an agency service trader's
place other than the home, said method comprising:

a step receiving from the virtual shop a piece of order
information of the purchase target article and a piece of
information for specifying a desired agency service trader's
25 place for receiving the purchase target article, of which
respective notifications are given via said communication
terminal used by the orderer;

a step issuing a piece of identification information unique to both of every orderer and every purchase target article on the basis of the order information; and

a step confirming the identification information received
5 by said communication terminal used by the orderer through the agency service trader's place.

10 14. An electronic commerce providing method according to claim 13, wherein said issuing step involves generating the identification information unique to every orderer and to every purchase target article from a one-way function on the basis of the order information received from said virtual shop.

15 15. An electronic commerce providing method according to claim 14, wherein said generating step involves setting the identification information so as to contain numerals of specified digits of a telephone number corresponding to said communication terminal used by the orderer that is contained in the order information.

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25 16. An electronic commerce providing method according to claim 13, wherein said conforming step involves confirming the identification information received by said communication terminal used by the orderer through a POS terminal of said agency service trader's place.

17. An electronic commerce providing method according to

claim 16, wherein said confirming step involves confirming the identification information received by said communication terminal used by the orderer through a memory card.

5 18. An electronic commerce providing method according to claim 13, further comprising a step providing said virtual shop with a list of agency service traders' stores capable of receiving the purchase target article in order to receive from said virtual shop a piece of information for specifying a desired agency
10 service trader's place for receiving the purchase target article of which said communication terminal used by the orderer notifies.

15 19. An electronic commerce providing method according to claim 13, further comprising a step notifying said virtual shop of a request for delivering the purchase target article and receiving a home delivery slip number as a response of the delivery of the purchase target article from said virtual shop.

20 20. An electronic commerce providing method according to claim 19, further comprising a step repeatedly notifying of the delivery request a predetermined number of times if the delivery response of the purchase target article is not sent from said virtual shop, registering said virtual shop in a blacklist if
25 there is no delivery response, and notifying said communication terminal used by the orderer of this purport.

21. An electronic commerce providing method according to claim 19, wherein said issuing step involves issuing the identification information unique to every orderer and to every purchase target article on the basis of the order information, this issuance being triggered by receiving the deliver response of the purchase target article.

22. An electronic commerce providing method according to claim 19, further comprising a step notifying said communication terminal specified by the orderer of the identification information and a receivable date and time for receiving the purchase target article, and notifying the desired agency service trader's place for receiving the purchase target article, of a name of the orderer, a name of the purchase target article and the home delivery slip number which are contained in the order information.

23. An electronic commerce providing method according to claim 13, further comprising a step erasing the identification information and the order information stored in a database, this erase being triggered by reaching an expiration period prescribed by law.

24. An electronic commerce providing method according to claim 13, further comprising a step receiving a piece of completion information when a receipt of the purchase target article is completed from the orderer at the desired agency

service trader's place for receiving the purchase target article, notifying said virtual shop of this piece of completion information, and notifying a settlement institution of information on payments of an article price and a necessary fee.

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25. A readable-by-computer recording medium recorded with a program executed by a computer enabling an orderer to given an order of purchasing a commercial article at a virtual shop existing on a network by accessing the virtual shop from a communication terminal used by the orderer, and to receive the purchase target article at an agency service trader's place other than the home, said readable-by-computer recording medium comprising:

a step receiving from the virtual shop a piece of order information of the purchase target article and a piece of information for specifying a desired agency service trader's place for receiving the purchase target article, of which respective notifications are given via said communication terminal used by the orderer;

a step issuing a piece of identification information unique to both of every orderer and every purchase target article on the basis of the order information; and

a step confirming the identification information received by said communication terminal used by the orderer through the agency service trader's place.

26. A program enabling an orderer to given an order of

purchasing a commercial article at a virtual shop existing on a network by accessing the virtual shop from a communication terminal used by the orderer, and to receive the purchase target article at an agency service trader's place other than the home,

5 said program comprising:

a step receiving from the virtual shop a piece of order information of the purchase target article and a piece of information for specifying a desired agency service trader's place for receiving the purchase target article, of which
10 respective notifications are given via said communication terminal used by the orderer;

a step issuing a piece of identification information unique to both of every orderer and every purchase target article on the basis of the order information; and

15 a step confirming the identification information received by said communication terminal used by the orderer through the agency service trader's place.